

Section 1: Product Identification and Emergency Information

Product Description:	Foamed, colored polyolefin material reinforced & semi-reinforced extruded products	Address:	1001 Sullivan Rd. Aurora, IL 60506
Chemical Description:	HDPE (High-density Polyethylene) with (less than 4%) colorant and foaming agents	Phone Number:	Tangent - 630.264.1110 Chemtreo - 800.424.9300
Supplier:	Tangent	CAS Number:	
MSDS Number:	None	Date Revised:	11/15/22

Section 2: Material Identification and Information

Non-Hazardous Ingredients:	HDPE (High-density Polyethylene) with (less than 4%) colorant and foaming agents
Hazardous Ingredients:	30% of overall total weight is fibrous glass with < 2.5% of organic surface binder. Note: Fiberglass may cause mechanical irritation to the skin, eye and upper respiratory tract.

Section 3: Physical and Chemical Characteristics

Appearance:	Non-Translucent, Colored Extruded product	Specific Gravity (H2O = 1), (g/cc):	0.65 - 0.88
Odor:	Slight	Solubility in Water:	Negligible
Boiling Point:	N/A	Evaporative Rate:	Negligible
Melting Point:	250°F (121°C)	Vapor Density (air = 1):	N/A
Vapor Pressure (mm HG):	N/A	Evaporation Point:	N/A

Section 4: Fire and Explosion Hazard Data

Flash Point:	645°F (340°C) - Fiberglass component will not support combustion
Auto-Ignition Temperature:	645°F (340°C)

Section 4: Fire and Explosion Hazard Data (cont.)

Flammable Limits (LEL):	N/A
Flammable Limits (UEL):	N/A
Extinguishing Media:	Carbon dioxide, foam, dry chemical and water spray
Special Fire Fighting Instructions:	Use self-contained breathing apparatus. Use standard chemical fire fighting procedures.
Unusual Fire and Explosion Hazards:	Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion.
NFPA Hazard ID:	Health: 1, Flammability: 1, Reactivity: 0

Section 5: Reactivity Hazard Data

Stability:	Stable
Conditions to Avoid:	Extreme Heat
Incompatibility (Materials to Avoid):	Strong Oxidizers
Hazardous Decomposition Products:	Carbon Monoxide, Aldehydes, Acetic Acid

Section 6: Health Hazard Data

Primary Routes of Entry:	Inhalation or ingestion of dust
Health Hazards:	Dust may cause irritation of the mouth, nose, throat and eyes.
Medical Conditions Aggravated by Exposure:	Some long-term breathing conditions can be aggravated by exposing to dust from this product.
Emergency First Aid Procedures:	Seek medical assistance for further treatment, observation and support if necessary.
Eye Contact:	Do not rub eyes. Remove contact lenses. Pour gentle stream of warm water through affected area. Contact physician if further treatment is necessary.
Skin Contact:	Run a gentle stream of water over irritated area for 15 minutes. Mild soap may be used. Contact physician if further treatment is necessary.
Inhalation:	Move person to fresh air. Seek medical attention.
Ingestion:	Seek medical attention.

Section 7: Precautions for Safe Handling and Use

In case of spills or accidental release:	Waste material must be disposed of in accordance with applicable federal, state, and local environmental control regulations. Use vacuuming or wet sweeping methods instead of dry sweeping.
Waste Disposal Methods:	Material should be disposed of through an approved waste management facility.
Precautions to be taken in handling and storage:	Store at less than 120°F (49°C)
Other Precautions and/or Special Hazards:	Store away from heat or open flame. Store away from strong oxidants or alkalis. Store flat and supported across entire span. Use gloves to protect against physical irritation or injury if required by handling and fabricating conditions. Use standard safety glasses with side shields when handling or fabricating the product. Application of this product generates dust, use an appropriate NIOSH-approved particulate filter respirator.

Section 8: Control and Protective Measures

Respiratory Protection:	None, unless machining material. A properly fitting NIOSH approved dust mask must be worn when machining this material.
Ventilation:	Machine this product only in well ventilated areas. Dust collection systems are recommended.
Protective Gloves:	Use gloves to protect against physical irritation or injury if required by handling and fabricating conditions.
Eye Protection:	Wear safety glasses with side shields when nailing, cutting or machining this product.
Other Protective Clothing and Equipment:	Wear clean body-covering clothing.
Hygienic Work Practices:	Wash hands before eating, drinking or smoking.